

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re: Application of: Hiroyuki ABURATANI et al.  
Serial No.: 10/526,741  
Filed: March 4, 2005  
For: **ANTIBODY AGAINST SECRETED N-  
TERMINAL PEPTIDE OF GPC3 PRESENT IN  
BLOOD OR C-TERMINAL PEPTIDE OF GPC3**

MAIL STOP: PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

November 10, 2005

**INFORMATION DISCLOSURE STATEMENT**

S I R:

In accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, Applicant hereby makes of record the documents listed on the accompanying Form PTO-1449 for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the references which were cited in the International Search Report, in the above-identified international application, a copy of which International Search Report is enclosed along with a translation of the International Preliminary Examination Report, are enclosed herewith.

This information disclosure statement is being submitted before a first Office Action on the merits, and, therefore, under 37 C.F.R. § 1.97(b), no fee is due. If any fees are due at this time, the Assistant Commissioner is authorization to charge such fees to Deposit Account No. 50-0552.

Respectfully submitted,

DAVIDSON, DAVIDSON & KAPPEL, LLC

By: 

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet	1	of	2
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**Complete if Known**

<i>Application Number</i>	10/526,741
<i>Filing Date</i>	March 4, 2005
<i>First Named Inventor</i>	Hiroyuki ABURATANI, et al.
<i>Art Unit</i>	Not Yet Known
<i>Examiner Name</i>	Not Yet Known
<i>Attorney Docket Number</i>	392.1002

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 2

**Complete if Known**

Application Number	10/526,741
Filing Date	March 4, 2005
First Named Inventor	Hiroyuki ABURATANI, et al.
Art Unit	Not Yet Known
Examiner Name	Not Yet Known
Attorney Docket Number	392.1002

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		M.I. CAPPURO, et al, Overexpression of Glypican-3 in Human Hepatocellular Carcinomas Determined by Immunohistochemistry Using a Monoclonal Antibody, Proceedings of the American Association for Cancer Research Annual Meeting, March 2002, Vol. 43, pg. 219	
		Y. MIDORIKAWA, et al., Glypican-3, Overexpressed in Hepato-Cellular Carcinoma, Modulates FGF2 and BMP-& Signaling, International Journal of Cancer, February 10, 2003, Vol. 103, No. 4, pp. 455-465	
		Y.K. SUNG, et al., Glypican-3 is Overexpressed in Human Hepatocellular Carcinoma, Cancer Science, March 2003, Vol. 94, No. 3, pp. 259-262	
		M. CAPURRO, et al., Glypican-3: A Novel Serum and Histochemical Marker for Hepatocellular Carcinoma, Gastroenterology, July 2003, Vol. 125(1), pp. 89-97	
		H. LAGE, et al., Cloning and Characterization of Human cDNAs Encoding a Protein with High Homology to rat intestinal development protein OCI-5', Gene, 1997, Vol. 188, pp. 151-156	

Examiner  
SignatureDate  
Considered

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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